

BRACKETS KIT SLS

CODE	RIF:	DESCRIPTION	Qty.
SLS-BRACKET-A (95ASE2920) Fastening System for the pitch angle adjustment	10	Brackets system	
		Pitch adjusting bracket	1*
		Roll adjusting bracket	1*
		Support bracket	1*
		M5x10 UNI 5933 screw	4*
	4	M5x10 UNI 5933 screw (already inserted)	2*
	5	M4x10 UNI 5931 screw	2*
		D4 UNI-6592 flat washer	2*
		A4 UNI1751 spring washer	2*
	6	M5x10 UNI 5933 screw	2
		M5 SN 213912 washer	2
	7	M5x10 UNI 5933 screw	2
	8	Memory bracket	1
	9	M4x8 UNI 5931 screw	1
D4 UNI-6592 flat washer		1	
A4 UNI1751 spring washer		1	
SLS-BRACKET-B (95ASE2930) Fastening System for the roll angle adjustment	3	Pitch adjusting bracket	1
	4	M5x10 UNI 5933 screw	2
	6	M5x10 UNI 5933 screw	2
		M5 SN 213912 washer	2
	7	M5x10 UNI 5933 screw	2
	8	Memory bracket	1
9	M4x8 UNI 5931 screw	1	
	D4 UNI-6592 flat washer	1	
	A4 UNI1751 spring washer	1	
SLS-BRACKET-C (95ASE2940) Head protection bracket	1	Head protection bracket	1
	2	M5x10 UNI 5933 screw	2

*Pre-assembled

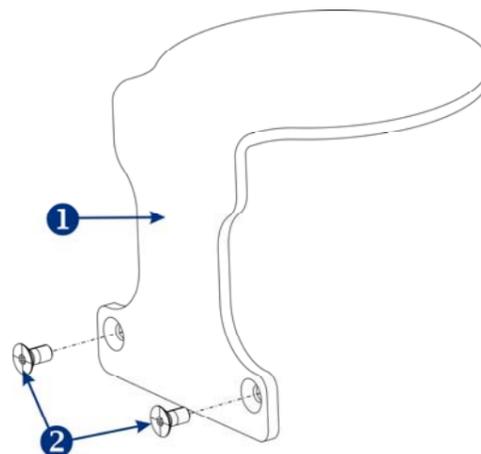
Required tool: Allen key 3 mm.

FASTENING

Protection Bracket Mounting (SLS-BRACKET-C) (Optional)

Fasten the protection bracket (1) on the back side of the SLS, by using two M5 screws (2) (2.5-3 Nm torque).

NOTE: the SLS-BRACKET-C must be mounted on the device, before the others fastening accessories.



Wall Mounting Bracket

First, you have to provide two M5 holes 10 mm deep with 73 mm spacing on the intended wall.

SLS-BRACKET-A:

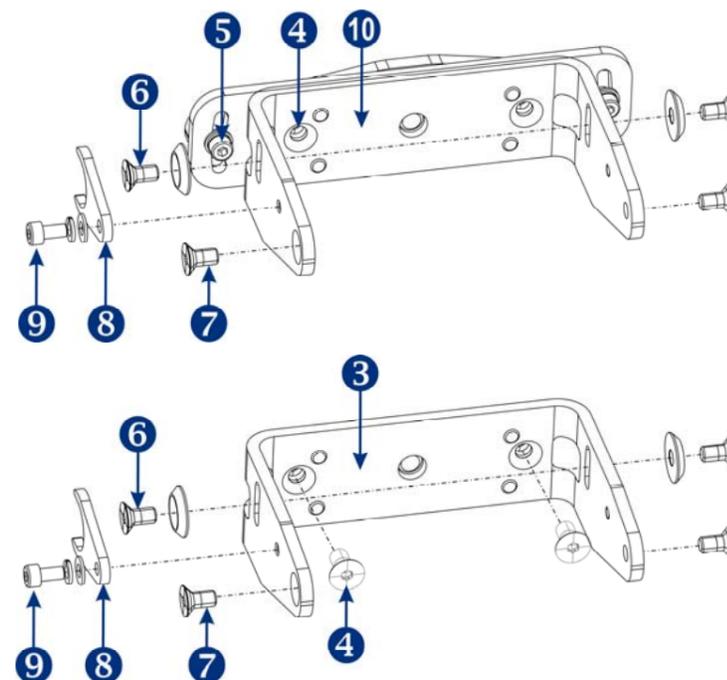
The bracket system (10) is supplied already assembled, in order to quickly start the configuration.

If necessary, loose the M4 roll adjustment screws (5) and then align the M5 wall mounting screws (4). Secure the bracket, by repeatedly alternating between the two holes and by screwing the screws (4) (already inserted) and in the end tight them them (2.5-3 Nm torque).

Still, do not tight the M4 roll adjustment screws for the roll angle (5).

SLS-BRACKET-B:

Trough the bracket's holes (3), screw and tight the M5 wall mounting screws (4) (2.5-3 Nm torque).



ADJUSTMENTS

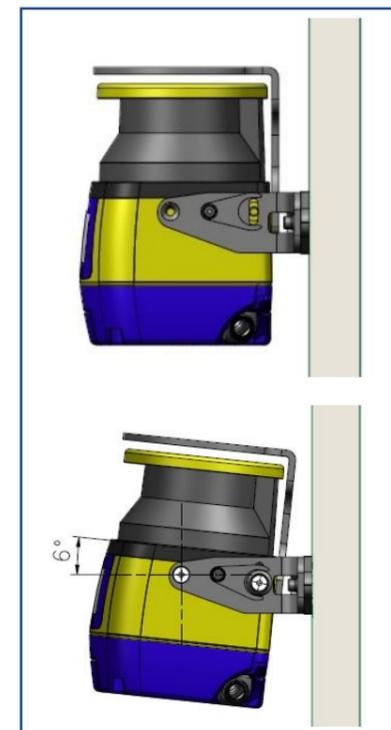
Scanner Mounting and Pitch Angle Adjustment

The memory bracket (8) saves the inclination settled for the pitch used for a previously safety laser scanner mounting in order to avoid further adjustments.

To mount the device with 90° vertical inclination, screw the memory bracket (8) with the M4 memory screw (9) but do not tight it. Then align it with the center of the slot and tight the M4 memory screw (6). The following step is to screw and tight the M5 Pitch Adjustment and the M5 scanner fastening screws (7), in order to install the device (2.5-3 Nm torque).

To place a device with a specific pitch angle, screw without tightening the M5 screws (7), the M5 pitch adjusting screws (6) and the memory bracket (8) with the M4 memory screw (9). Rotate the device in order to reach the desired pitch angle within the allowed range (+/- 6°).

First, tight the M5 scanner fastening screws (7) (2.5-3 Nm torque) and then the M5 pitch adjusting screws (6). In the end, tight the M4 memory screw (9) (2.2-2.5 Nm torque).



Roll Angle Adjustment (SLS-BRACKET-A)



Rotate the brackets to reach the desired roll angle within the allowed range (+/-8.5°) and then tight the M4 roll adjusting screws (5) (2.2-2.5 Nm torque).